

April 23, 2008     **RE-ISSUED 06/17/08**

ROTH GLOBAL PLASTICS, INC.  
JOSEPH A BROWN

PO BOX 245  
SYRACUSE NY 13211

Re: Description:     SEWAGE TANKS, POLYETHYLENE  
Manufacturer:     ROTH GLOBAL PLASTICS, INC.  
Product Name:     SEPTIC, HOLDING OR PUMP  
Model Number(s):   RMT-750  
                              (40" L.L., SEE TABLE 1 FOR GAL/IN., 36" MAX. DEPTH OF BURY, 359 G.P.D. WHEN  
                              USED AS A SEPTIC TANK BASED ON A 3 YR. SERVICE INTERVAL FOR RESIDENTIAL  
                              WASTEWATER)  
Product File No:    20080219

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters Comm 82 through 84, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. **This approval is valid until the end of April 2010.**

This approval is contingent upon compliance with the following stipulation(s):

- This tank must be designed to withstand the pressures to which it will be subjected.
- The manufacturer must keep at the manufacturing plant a set of plans and specifications bearing the department's stamp of approval. The plans and specifications must be open to inspection by an authorized representative of the department.
- The manhole cover must be secured to the riser using screws which are not standard or phillips head to be considered an effective locking device.
- When this product receives wastewater from dwellings and is used as a septic tank, it will produce an effluent quality with a maximum monthly average value for BOD5 of greater than 30 mg/L and less than or equal to 220 mg/L TSS, or greater than 30 mg/L or less than or equal to 150 mg/L TSS, and F.O.G. of less than 30 mg/L.
- The tank is not recommended to be installed where saturated soil or seasonal high ground water tables are indicated between the bottom of the tank and the ground surface.
- The tank shall not be buried greater than 36 inches below grade.
- This tank must be set on approximately 6 inches of pea gravel or sand in the bottom of the excavation.
- Backfill material soil shall flow freely into corrugations between tank ribs. The backfill must be compacted in 6 inch lifts.
- This product may be installed using the following inlet/out combinations. End of first compartment to End of second compartment; End first compartment to either Side of second compartment; Either Side first compartment to End of second compartment; Either Side of first compartment to either Side of second compartment.
- This product may be installed using the following inlet/out combinations that provide at least 85 inches between baffles.
- The inlet and outlet baffles must be located directly below their respective manhole opening.
- When this tank is installed with the optional partition wall, the wall must be installed by the manufacturer and installed in the rib that is located approximately 2/3 of the tank length when measured from the inlet end of the tank.

Table 1 Capacity Chart

ST-750

Gallons per Inch

Height (inches)	Gallons in Tank	/	Height (inches)	Gallons in Tank
1	7		27	548
2	14		28	576
3	23		29	599
4	32		30	623
5	48		31	648
6	65		32	673
7	83		33	697
8	101		34	721
9	122		35	742
10	144		36	762
11	165		37	785
12	187		38	809
13	210		39	833
14	234		40	853
15	257		41	875
16	284		42	898
17	308		43	917
18	333		44	936
19	357		45	953
20	382		46	970
21	407		47	979
22	432		48	985
23	455		49	993
24	478		50	1000
25	499			
26	521			

This approval supersedes the approval issued on 7/31/2007 under product file number 20070268. This approval letter shall be incorporated with your previously approved plans and/or specifications approved under product file number 20070268.

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

Jean M. MacCubbin, CST  
Engineering Consultant--Plumbing Product Reviewer  
Commerce; Safety & Buildings Div.  
PO Box 2658  
201 W Washington Ave.  
Madison WI 53703-2658  
Phone: 608-266-0955; Fax: 608-283-7456  
E-mail: Jean.MacCubbin@wisconsin.gov